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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. LAM-PO629

First Inventor or Application Identifier David Cooperberg, et al.

Title Method and Apparatus to Calibrate...

Express Mail Label No. EL575423001US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☐ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 33]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
4. Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission:
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ * Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired (PTO/SB/09-12)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Other: ..Transmittal Letter.....

* NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.37), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.38)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: _____

Prior application Information: Examiner _____ Group / Art Unit: _____

18. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

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Name (Print/Type)	David B. Ritchie	Registration No. (Attorney/Agent)	31,562
Signature		Date	6/30/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Cooperberg, et al.

Serial No. [Not yet assigned]

Filed: June 30, 2000

For: **METHOD AND APPARATUS TO
CALIBRATE A SEMI-EMPIRICAL
PROCESS SIMULATOR**

) Art Unit:

) Examiner:

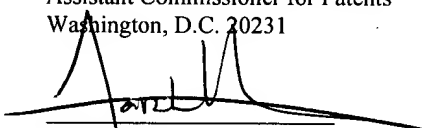
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Date of Deposit: June 30, 2000

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Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231


Tara Hayden

TRANSMITTAL LETTER

Honorable Assistant Commissioner
for Patents
Box Patent Application
Washington, D.C. 20231

Dear Sir:

Enclosed for filing please find the patent application for an invention entitled,
"METHOD AND APPARATUS TO CALIBRATE A SEMI-EMPIRICAL PROCESS
SIMULATOR", filed on behalf of LAM Research Corporation, assignee from inventors
David Cooperberg, Richard A. Gottscho, and Vahid Vahedi, including Utility Patent

Application Transmittal, 25 pages of specification, 7 pages of claims, 5 sheets of drawing figures, and one page of Abstract.

The attorney's Docket Number is LAM-P0629.

Kindly address all communications regarding this application to:

David B. Ritchie
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No fee is being paid at this time.

Respectfully submitted,
D'ALESSANDRO & RITCHIE



David B. Ritchie
Reg. No. 31,562

Dated: June 30, 2000

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